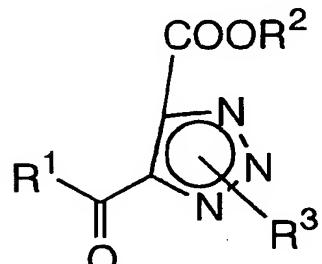


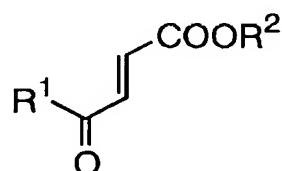
## **ABSTRACT**

Disclosed is a process for efficiently producing a compound represented by formula (I):

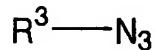


(I)

5 wherein R<sup>1</sup> represents aryl, amino, alkyl, or alkoxy; R<sup>2</sup> represents a protective group of the carboxylic acid; and R<sup>3</sup> represents an alkali metal, a hydrogen atom, alkyl, aryl, alkylsulfonyl, arylsulfonyl, or trialkylsilyl.  
10 This process is characterized by reacting a compound of formula (II) with a compound of formula (III) in the presence of a transition metal compound.



( II )



(III)